Shared Conclusions

Balance Trees Reveal Microbial Niche Differentiation
A phylogenetic transform enhances analysis of compositional microbiota data

• The same approach to overcome the shortcomings of the compositional space is shared between the papers.

• That approach is modular and simple in its nature.

• Promising biological insights were shown in both of the papers.

• Each paper is cited by dozens of other recent papers in the field of compositional microbiota data analysis.
Shared Discussion
Balance Trees Reveal Microbial Niche Differentiation
A phylogenetic transform enhances analysis of compositional microbiota data

• We’ve seen two types of trees - phylogenetic and hierarchical clustering of environment variable. What other trees may be effective?

• How does the topology of a tree effect the transformation?

• There was no benchmark against existing tools in the first paper, does it make sense?

• Two very similar papers were published at approximately the same time. How did it happen?